

## FEATURES

- Small size, light weight (4g).
- Withstands high temperature, operational under 105°C ambient temperature.
- Heavy contact load switching current up to 30A



## ORDERING INFORMATION

AM 6 — 12 S

1      2      3      4

1. Type

2. Contact Arrangement

Nil: 1 Form C

1A: 1 Form A

3. Coil Nominal Voltage: 12

4. Coil Sensitivity

Nil : Standard Type (0.55W)

S : High Sensitive Type (0.57W)

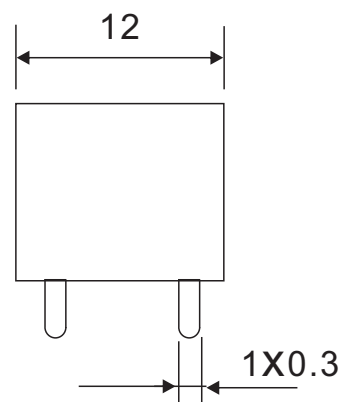
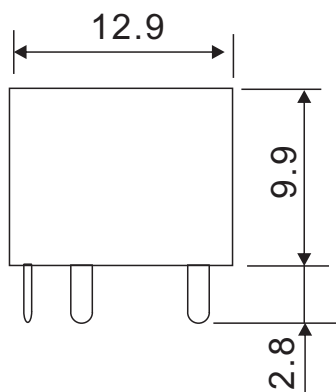
## CONTACT RATING

1 FORM C (SPDT)	Resistive (Cos.θ = 1)	14 VDC	NO: 20A / NC: 15A
1 FORM A (SPST)	Resistive (Cos.θ = 1)	14 VDC	20A

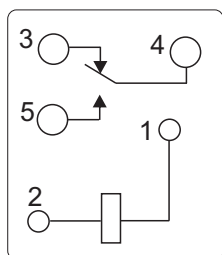
## COIL DATA (0.55W, 0.57W, at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol. ±10% (Ohms)		Nominal Current (mA)		Maximum Pick Up Voltage (V)		Minimum Drop Out Voltage (V)	
	0.55W	0.57W	0.55W	0.57W	0.55W	0.57W	0.55W	0.57W
12	181	254	66	47	5.7	6.9	1.25	1.5

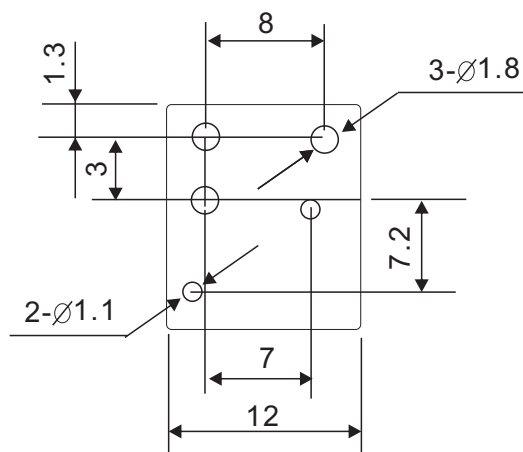
## DIMENSIONS(±0.1mm)



WIRING DIAGRAM  
(BOTTOM VIEW)



P.C.B LAYOUT  
(BOTTOM VIEW)



## GENERAL DATA

Insulation Resistance	1000 MΩ Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	500 VAC, 50/60Hz between all elements.
Contact Material	Ag Alloy.
Contact Resistance	100 milliohms max. ( initial value )
Shock Resistance	300m/s <sup>2</sup> 6ms
Vibration Resistance	10~500Hz double amplitude 1.27 mm 60m/s <sup>2</sup>
Temperature Range	- 40°C ~ + 105°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min.
	Electrical - 100,000 operations min. at rated load.
Weight	4 grams